



FIG. 1

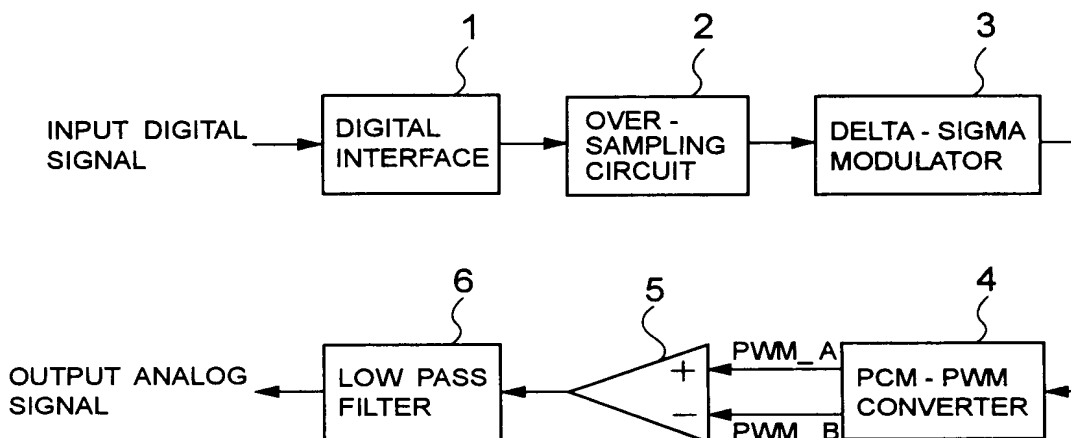


FIG. 2

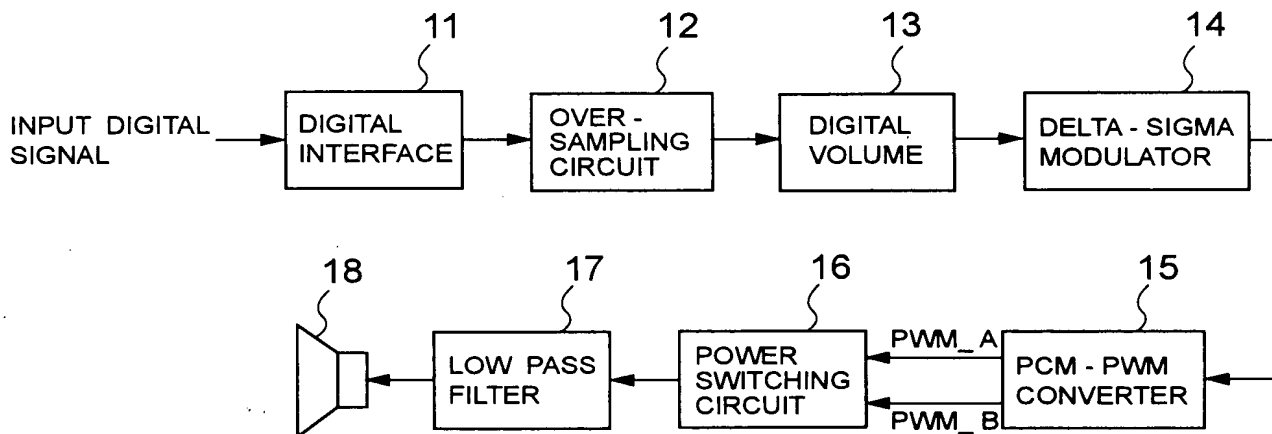


FIG. 3

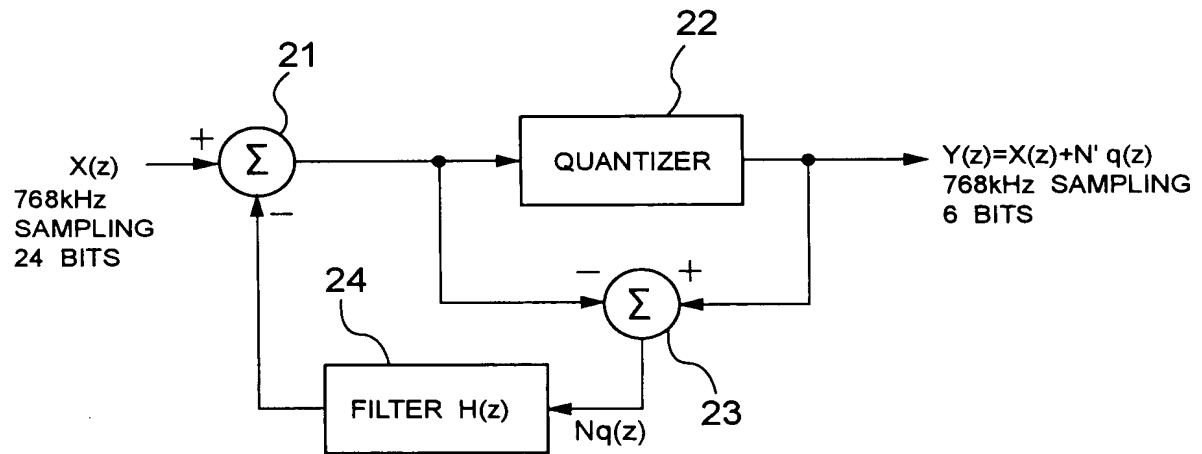


FIG. 4A

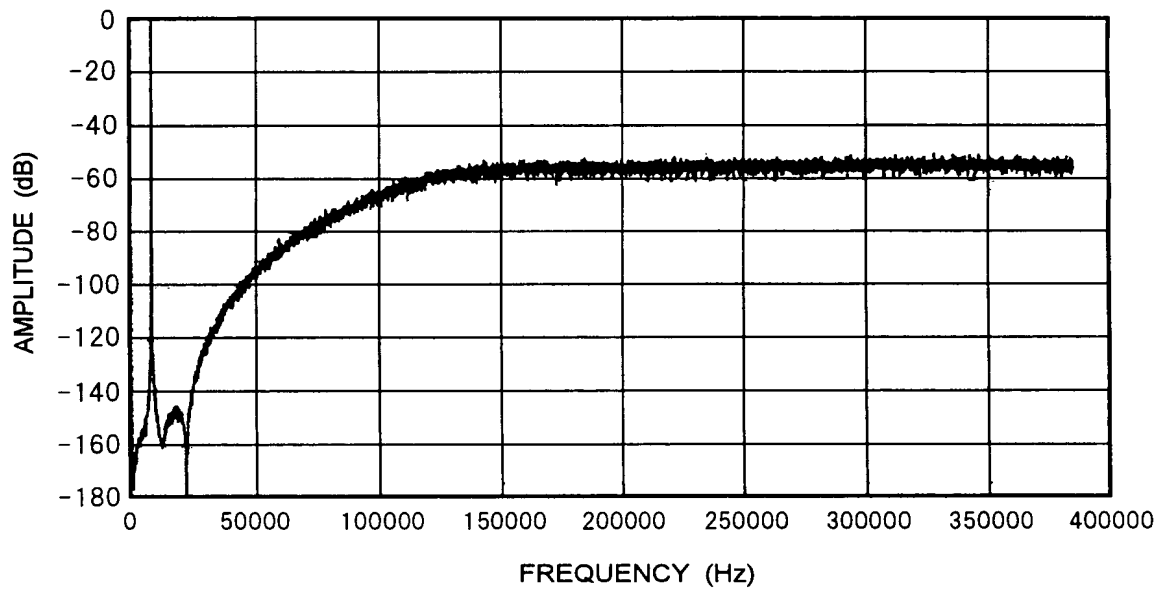


FIG. 4B

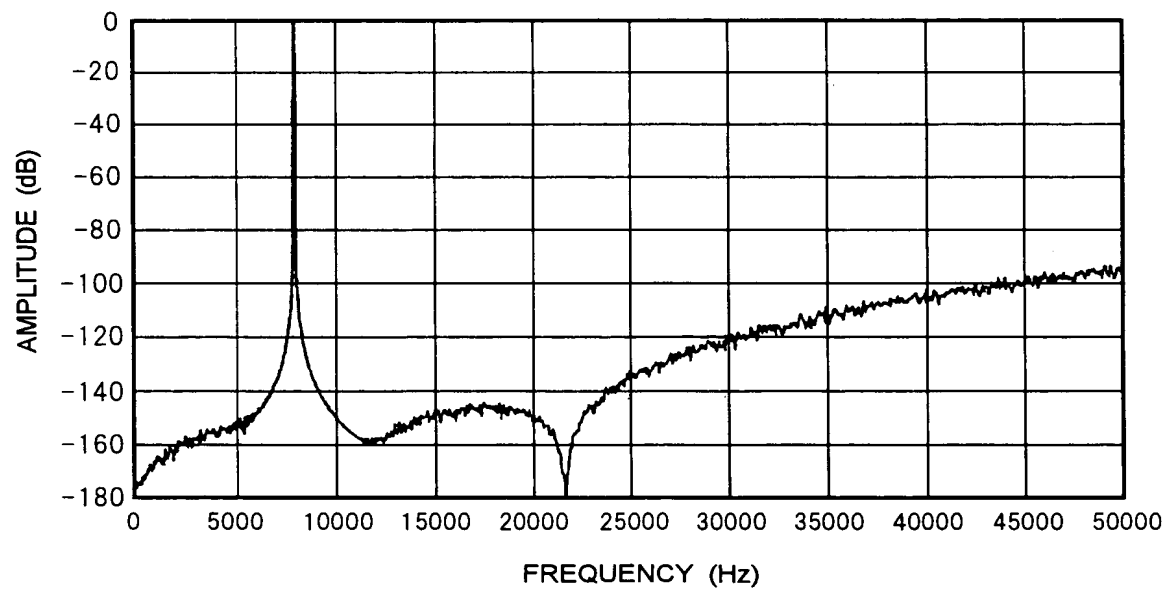
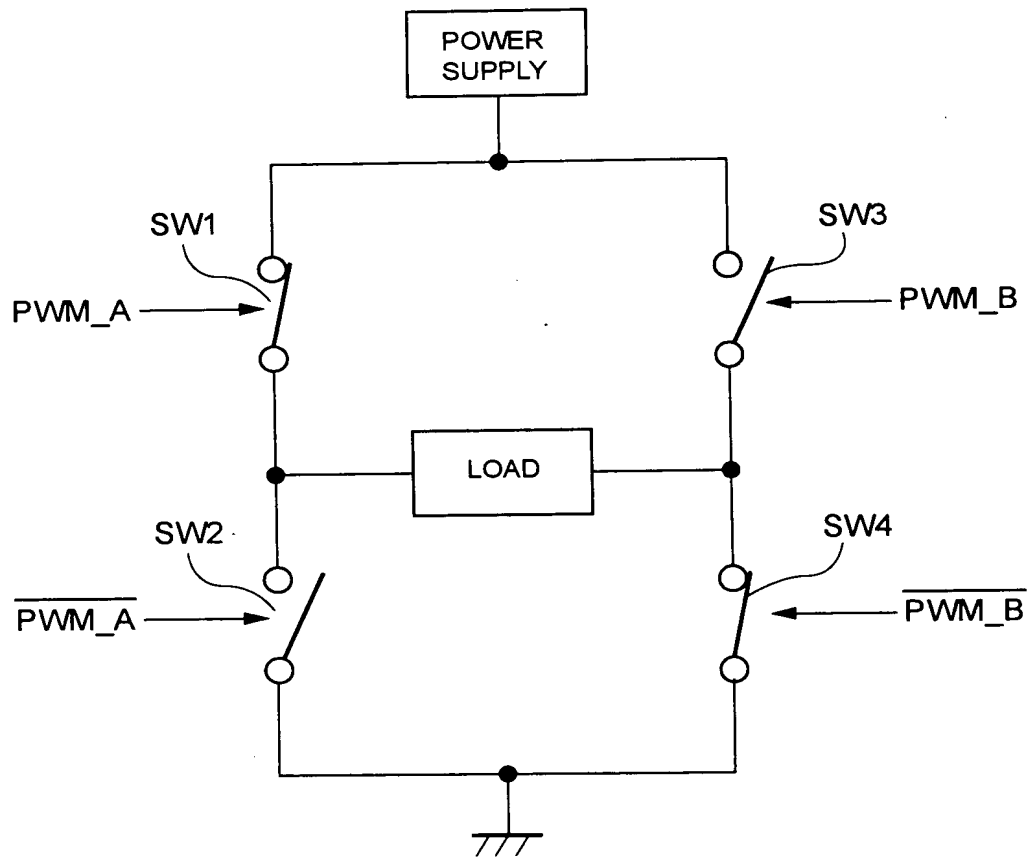


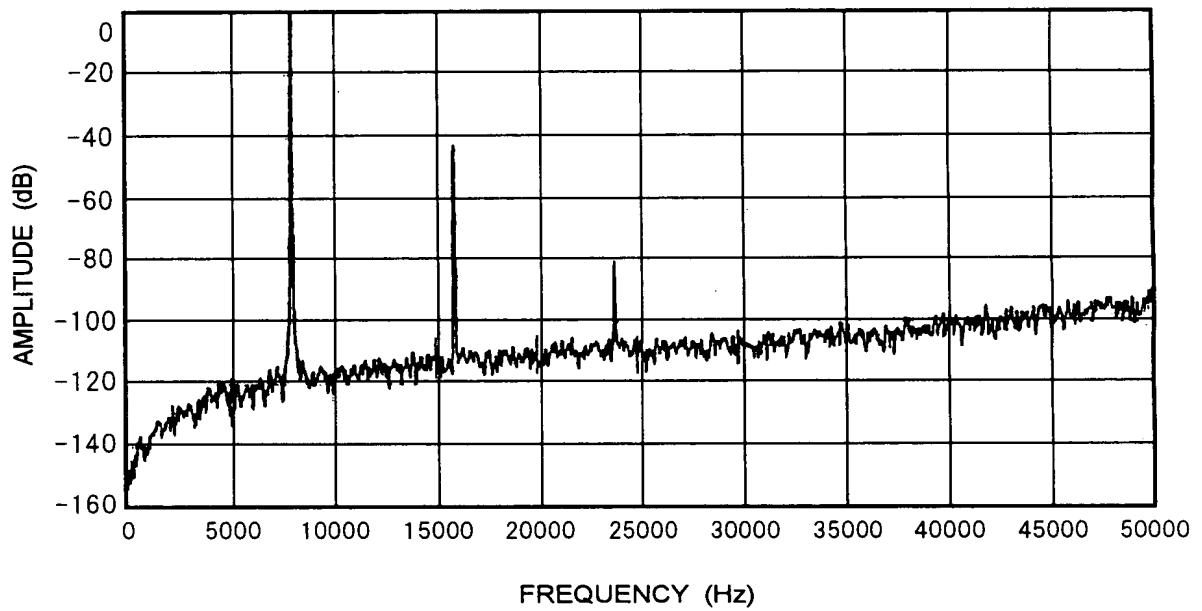
FIG. 5



SLOT 0 2 4 6 8					SLOT 0 2 4 6 8						
PCM SIGNAL VALUE = 3											
PWM_A						PWM_A					
PWM_B						PWM_B					
PWM_A - PWN_B						PWM_A - PWN_B					
PCM SIGNAL VALUE = 2											
PWM_A						PWM_A					
PWM_B						PWM_B					
PWM_A - PWN_B						PWM_A - PWN_B					
PCM SIGNAL VALUE = 1											
PWM_A						PWM_A					
PWM_B						PWM_B					
PWM_A - PWN_B						PWM_A - PWN_B					
PCM SIGNAL VALUE = 0											
PWM_A											
PWM_B											
PWM_A - PWN_B											

FIG. 7

SPECTRUM OF SINGLE - SIDED BINARY PWM



SLOT 0 2 4 6 8					SLOT 0 2 4 6 8						
PCM SIGNAL VALUE = 3						PCM SIGNAL VALUE = - 3					
PWM_A						PWM_A					
PWM_B						PWM_B					
PWM_A - PWN_B						PWM_A - PWN_B					
PCM SIGNAL VALUE = 2						PCM SIGNAL VALUE = - 2					
PWM_A						PWM_A					
PWM_B						PWM_B					
PWM_A - PWN_B						PWM_A - PWN_B					
PCM SIGNAL VALUE = 1						PCM SIGNAL VALUE = - 1					
PWM_A						PWM_A					
PWM_B						PWM_B					
PWM_A - PWN_B						PWM_A - PWN_B					
PCM SIGNAL VALUE = 0											
PWM_A											
PWM_B											
PWM_A - PWN_B											

FIG. 9

SPECTRUM OF SINGLE - SIDED THREE - VALUED PWM

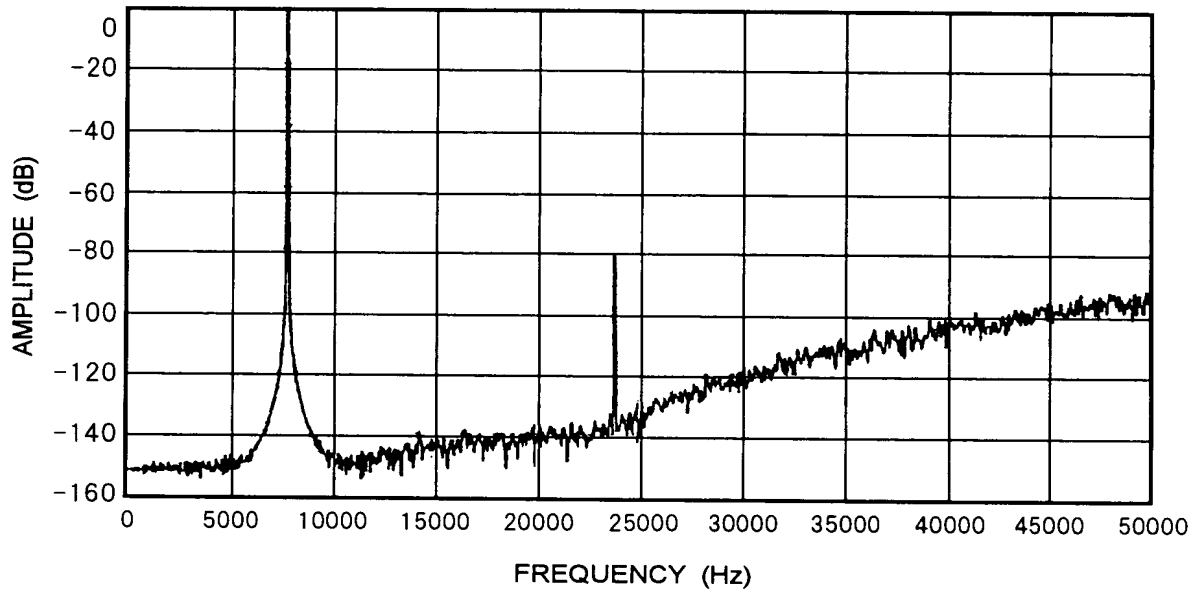


FIG. 10

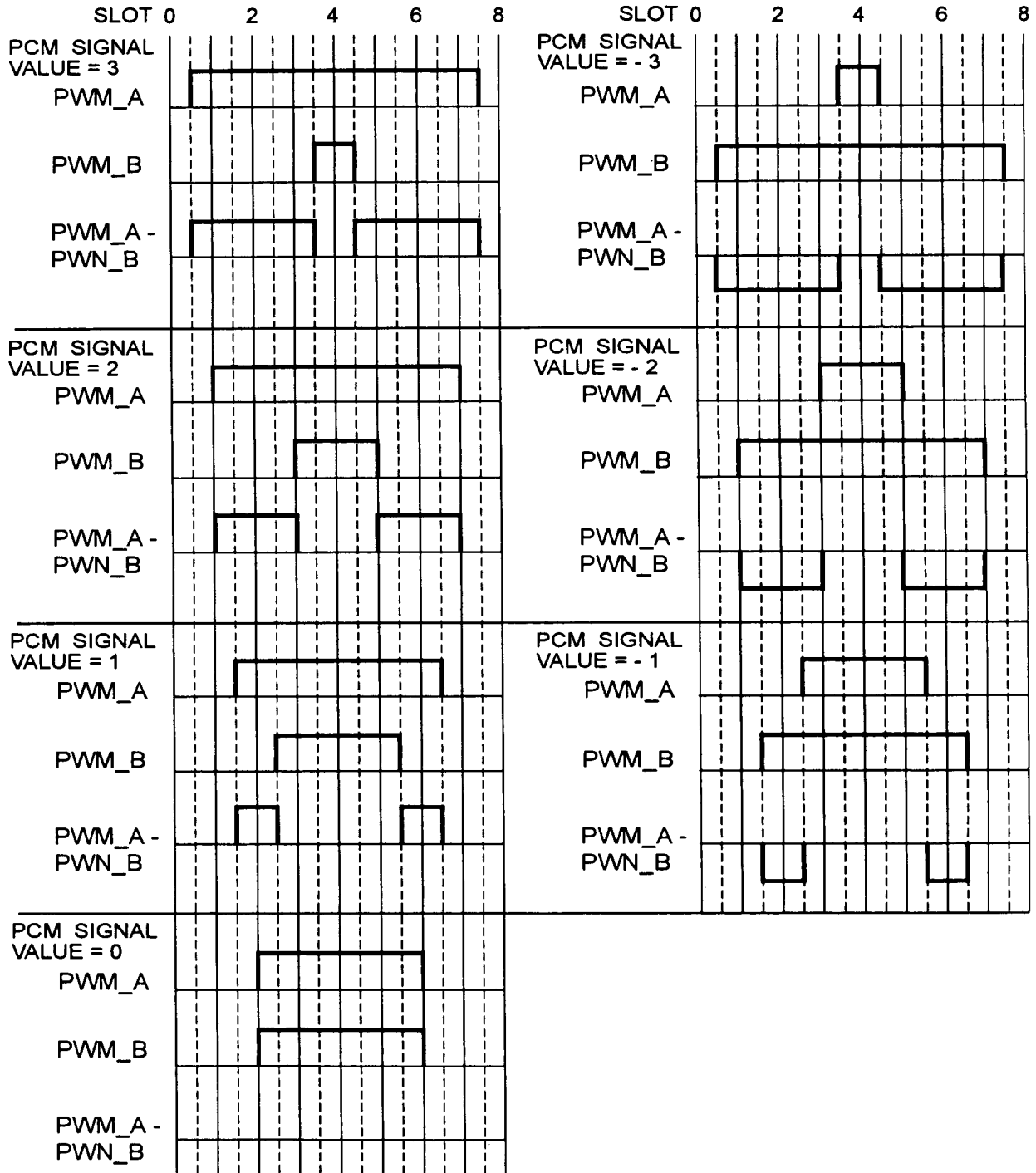


FIG. 11

SPECTRUM OF DOUBLE - SIDED THREE - VALUED PWM

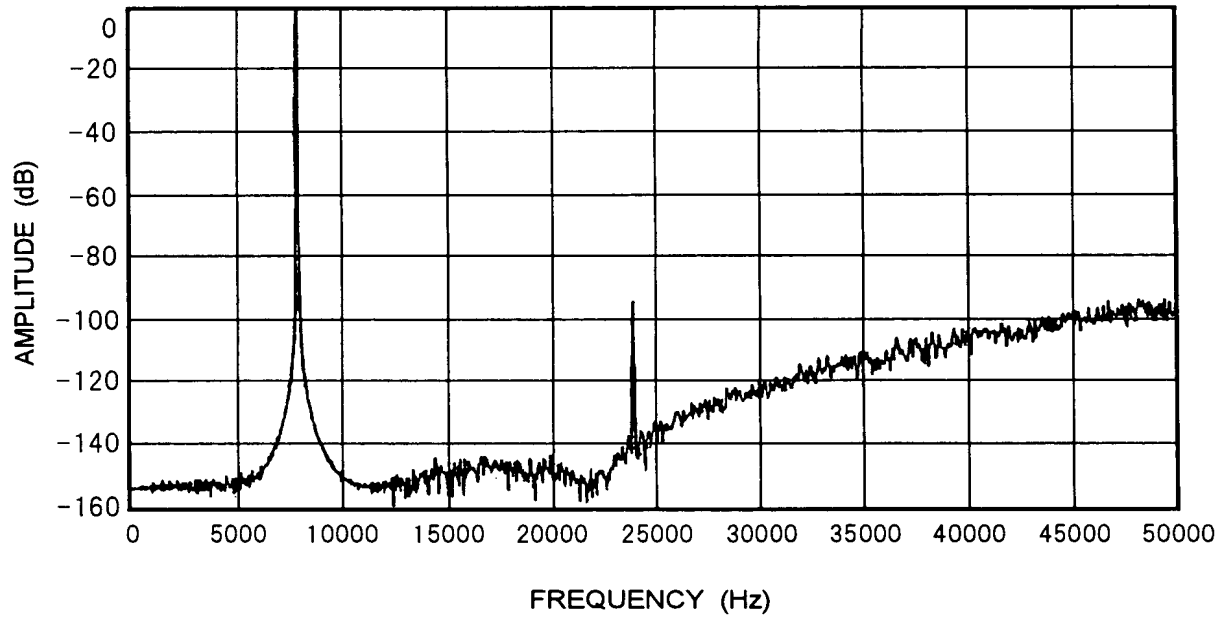


FIG. 12

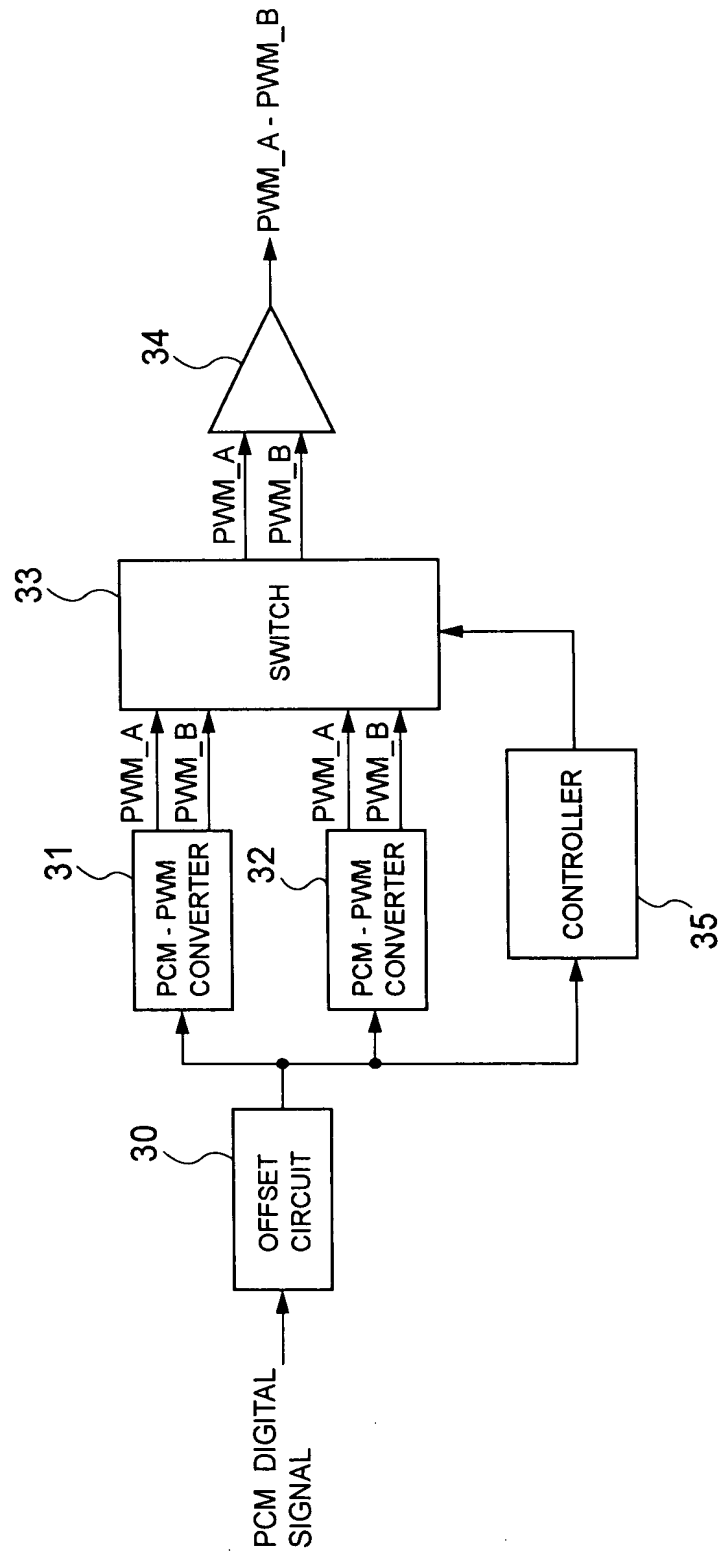


FIG. 13

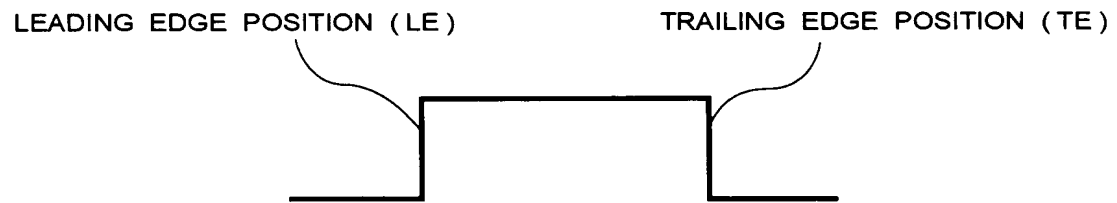


FIG. 14

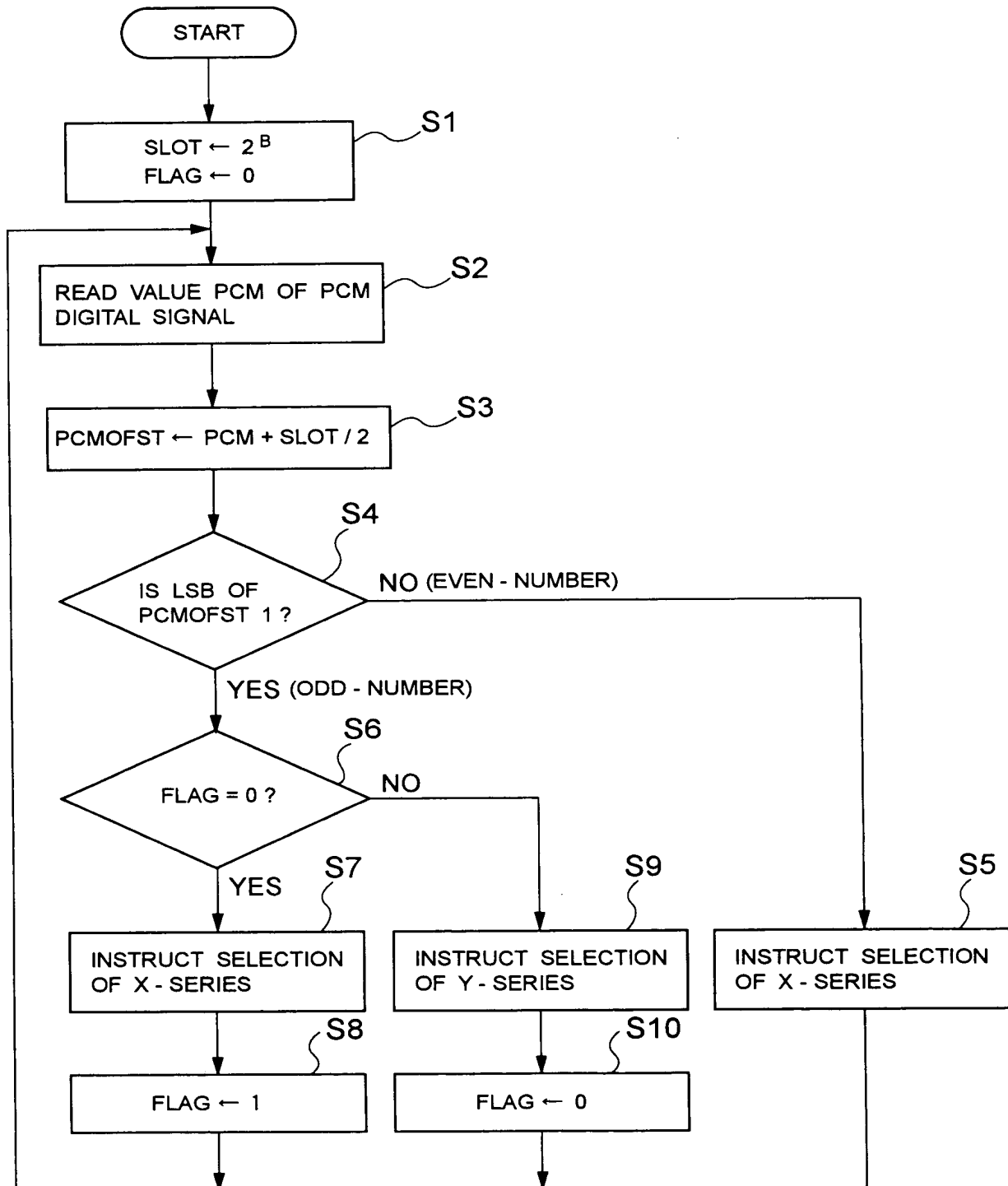


FIG. 15

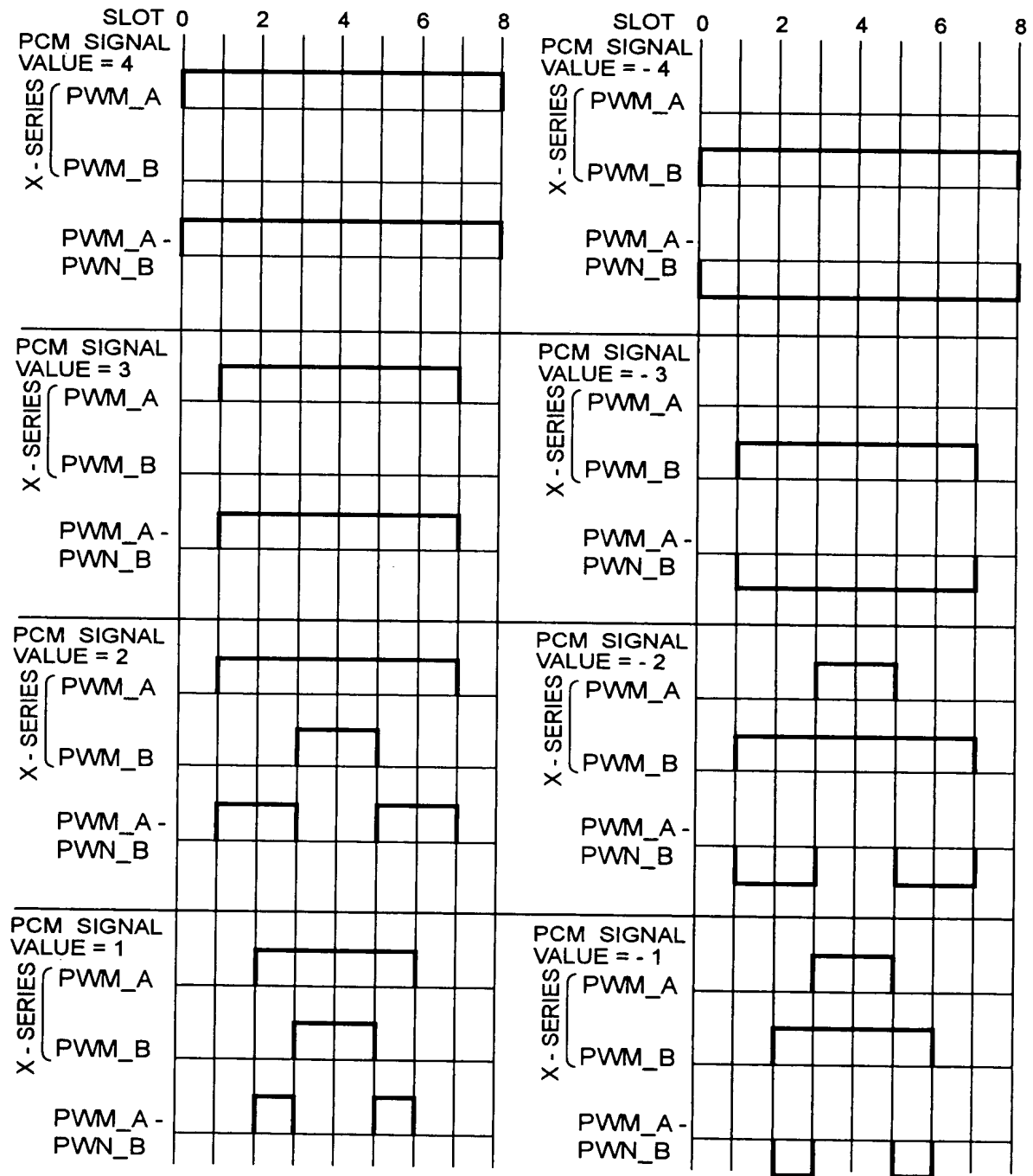
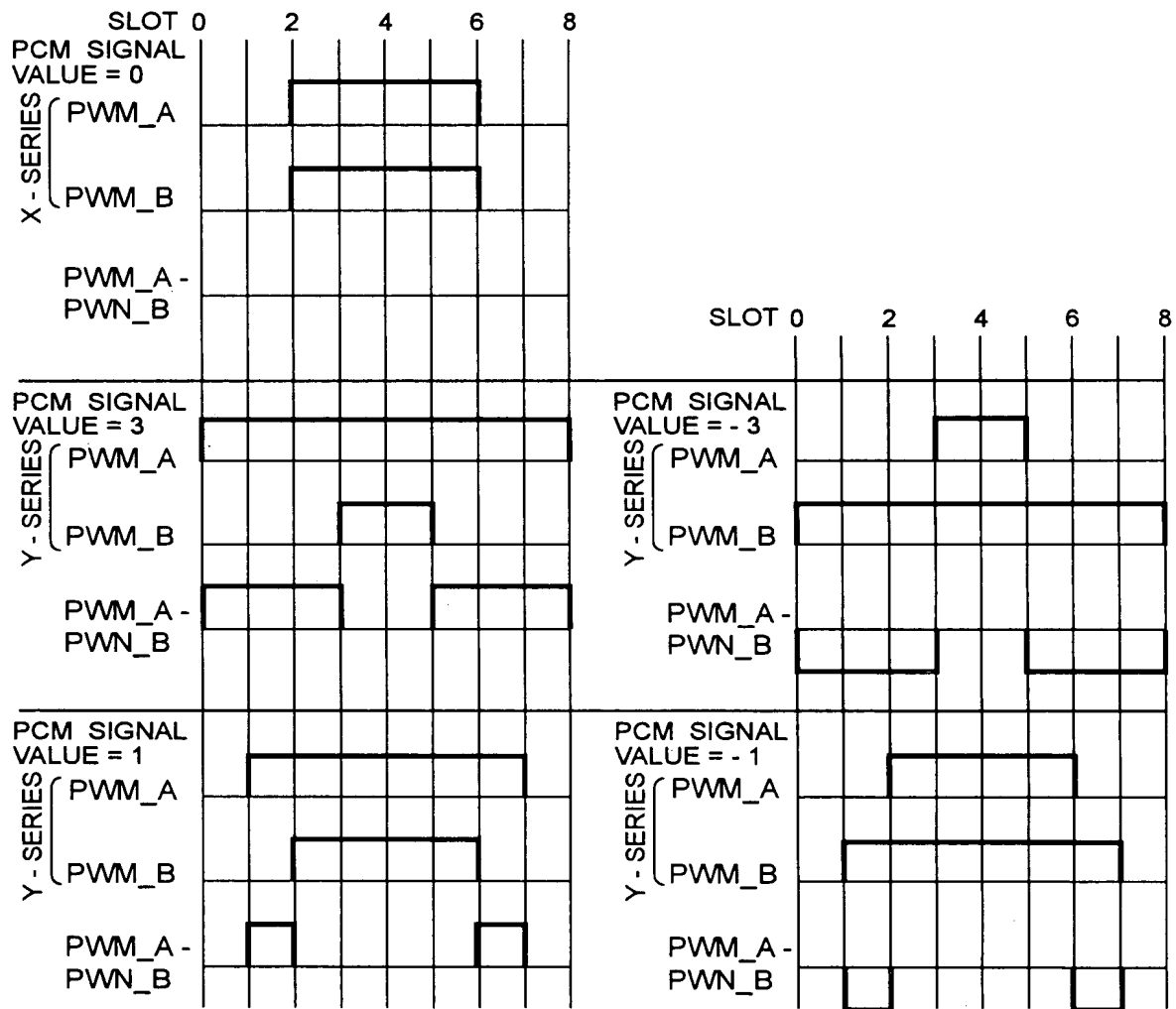


FIG. 16



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FIG. 17

SPECTRUM OF PWM USING ONLY X - SERIES

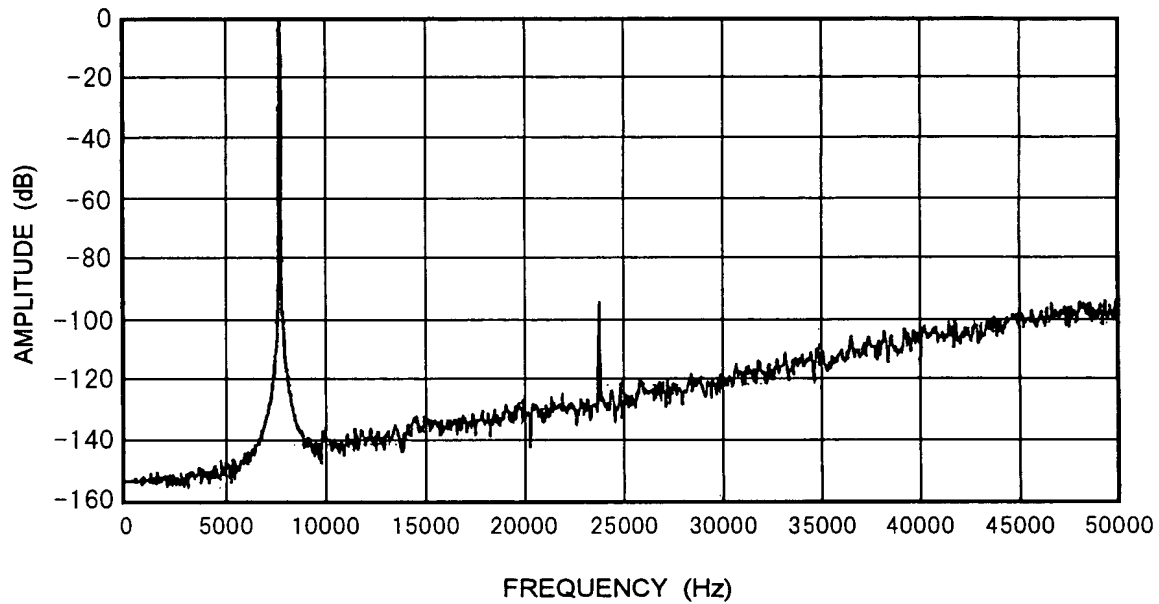


FIG. 18

SPECTRUM OF PWM USING X - SERIES AND Y - SERIES

